

# NIKHIL DHARMARAJ

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## Education

### HARVARD UNIVERSITY

- GPA: 4.0
- Bachelor of Arts, Computer Science & History and Literature
- Activities: Peer Advising Fellow, CS50 Teaching Fellow, Harvard College Data Analytics Group, Harvard Technology Review (Editor), Asian Americans for Political Justice, Harvard College Bhanga (Secretary), Harvard Dharma (Tech Consultant), South Asian Association (Cultural Chair), LIHC Teaching Fellowship

Cambridge, MA  
Expected Grad: 2023

### THE HARKER SCHOOL

- GPA: 4.59, ACT: 36/36

San Jose, CA  
Aug 2015-May 2019

## Technical/Research Experiences

### GROUP FOR EXPERIMENTAL METHODS AT COLUMBIA UNIVERSITY

#### Technical Research Associate

- Conduct NLP analysis of UNESCO & Ford Foundation archival reports detailing lives of women in post-colonial South Asia (and Third World) using techniques such as topic modeling and network analysis.
- Build infrastructure for front-facing digital archive that will novelly visualize this social-scientific data.

Remote (Manhattan, NY)  
June 2020-Present

### AMEELIO

#### Software Engineering Intern

- Work on React Native mobile client for first free prison communication platform between incarcerated people & loved ones.
- Write state-specific web crawlers in Python for nationwide inmate database.

Remote (New Haven, CT)  
Apr 2020-Present

### RADCLIFFE RESEARCH INSTITUTE

#### Research Partner

- Contributed to "Representation and Materialization of Interdisciplinary Matter" project w/ Prof. Sawako Kajijima.
- Carried out literature reviews on topics such as computational thinking, modeling, simulation, among others & edited various case studies for upcoming book on interdisciplinary communication.

Cambridge, MA  
Oct 2019-May 2020

### LIME

#### Software Engineering Intern

- Implemented a new feature end-to-end on the Rider team at Lime.
- Collaborated with both iOS and Backend teams, using Swift and Ruby on Rails, respectively.

San Francisco, CA  
Summer, 2019

### METALAB (AT) HARVARD

#### Research Intern

- Contributed to various AI projects at the intersection of technology & creative design, namely Moral Labyrinth (exhibited at Ars Electronica, 2018) & The Laughing Room (displayed at Cambridge Public Library, 2018).
- Spoke on "Is AI Laughing at Us?" panel at Cambridge Public Library (televised), alongside BKC staff.

Cambridge, MA  
Jun 2018-Mar 2019

### MIT HYPERSTUDIO

#### Summer Intern

- Worked on ArtBot, a digital humanities project that uses machine learning for museum art discovery.

Cambridge, MA  
Summer, 2018

### CMU CORAL LAB

#### Research Intern

- Interfaced with the artificially-intelligent CoBot Robot, under Prof. Manuela Veloso.
- Designed visualization algorithm for robot's daily path.

Pittsburgh, PA  
Summer, 2017

## Additional Experiences

### HARVARD COLLEGE ADMISSIONS OFFICE

#### Tour Guide

- Lead two tours a week for prospective students and families.
- Serve as a general ambassador for Harvard College through the Admissions Office.

Cambridge, MA  
Oct 2019-Present

### BEN & JERRY'S

#### Scooper

- Gained customer service experience serving ice cream orders and maintaining store cleanliness as a summer job.

Cambridge, MA  
Summer, 2018

## Honors and Awards

Jessica Jennifer Cohen Foundation Grant Recipient • Harvard College Research Program Grant Recipient • Silicon Valley Engineering Council Education Scholarship • NSDA Academic All-American Award (Speech and Debate) • NIE Tournament of Champions Two-Time Finalist (Original Oratory) • Near/Mitra Scholar (final paper: [The Evolution of Evolution](#))

## Skills & Interests

- **Technical:** React Native, Java, Ruby, JavaScript, Swift, C, Python, SQL, HTML/CSS, GitHub, ROS
- **Languages:** Latin (Advanced), Hindi (Intermediate), Sanskrit (Beginner), Ancient Greek (Beginner)